

Gurivelli Keerthi

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SUMMARY

Motivated computer science undergraduate with hands-on experience in building full-stack web applications using React, Django, MongoDB, and AWS. Skilled in developing scalable projects with user authentication, RESTful APIs, and responsive UI. Passionate about solving real-world problems through efficient solutions.

EDUCATIONAL QUALIFICATIONS

GMR Institute of Technology, Rajam

2022 - Present

B. Tech in computer science and engineering (CGPA: 9.7/10)

SKILLS

Frontend: HTML & CSS, Bootstrap, Tailwind CSS, JavaScript, React.js

Backend: Node.js, PHP, Django, Flask, MongoDB, MySQL

Programming Languages: C, Java, Python

Other skills: Communication skills, Problem Solving, Coding (LeetCode 300+problems)

EXPERIENCE

Intern - Hash Tek Solutions, Visakhapatnam

June 2024 -July 2024

- Gained hands-on experience with AWS Cloud Services by creating and managing EC2 instances, designing VPC architectures, and deploying static websites using Amazon S3 for high availability.
- Configured and managed Elastic Load Balancers (ELB) and EBS volumes, building a solid foundation in cloud infrastructure, networking, and deployment workflows.

PROJECTS

Platform for MCQ-Based Coding Contests ([GitHub](#)) | HTML, CSS, Java Script, Django, MongoDB

- Developed a secure, scalable web application to host MCQ-based coding contests through Google OAuth authentication, role-based access, and one-attempt enforcement with instant score visibility for students.
- Implemented real-time leaderboards, time zone-based contest scheduling, and an admin dashboard for CRUD-based contest management, student activity tracking, and result downloads.

Agent -task-distributer ([GitHub](#)) | MERN STACK |

- Built an agent task distribution system with admin authentication, CSV/Excel file processing, and automated assignment across multiple agents with full CRUD management capabilities
- Developed a responsive web dashboard that enables administrators to upload task files, manage agent profiles, and automatically distribute workload entries to available agents through an intuitive interface.

Food Order App | React

- Developed a scalable food ordering app using React, creating modular components like meal cards, cart items, and order forms for maintainability, and managing HTTP requests for backend communication.
- Utilized React Context API to manage both local and global state, ensuring efficient cart updates and seamless interactions across components, enabling smooth user order submission.

Mine Sweeper game ([GitHub](#)) | HTML, CSS, JS

- Built a web-based Minesweeper game featuring a custom CSS seven segment timer to track gameplay time. Used Depth-First Search (DFS) to efficiently reveal cells and compute adjacent mine counts.

CERTIFICATIONS

- Object Oriented Programming in Java by UC San Diego on Coursera.
- Introduction to Software Engineering by IBM on Coursera
- SQL basic and SQL intermediate on HackerRank
- AWS Academy Cloud Foundations – AWS Academy Graduate Certificate, 20 hours [Digital Badge](#)

PUBLICATIONS

A Survey on Music Source Separation Using Deep Learning Techniques, Published in International journal of Research Publication and Reviews (2024).